

**FIG. 1**

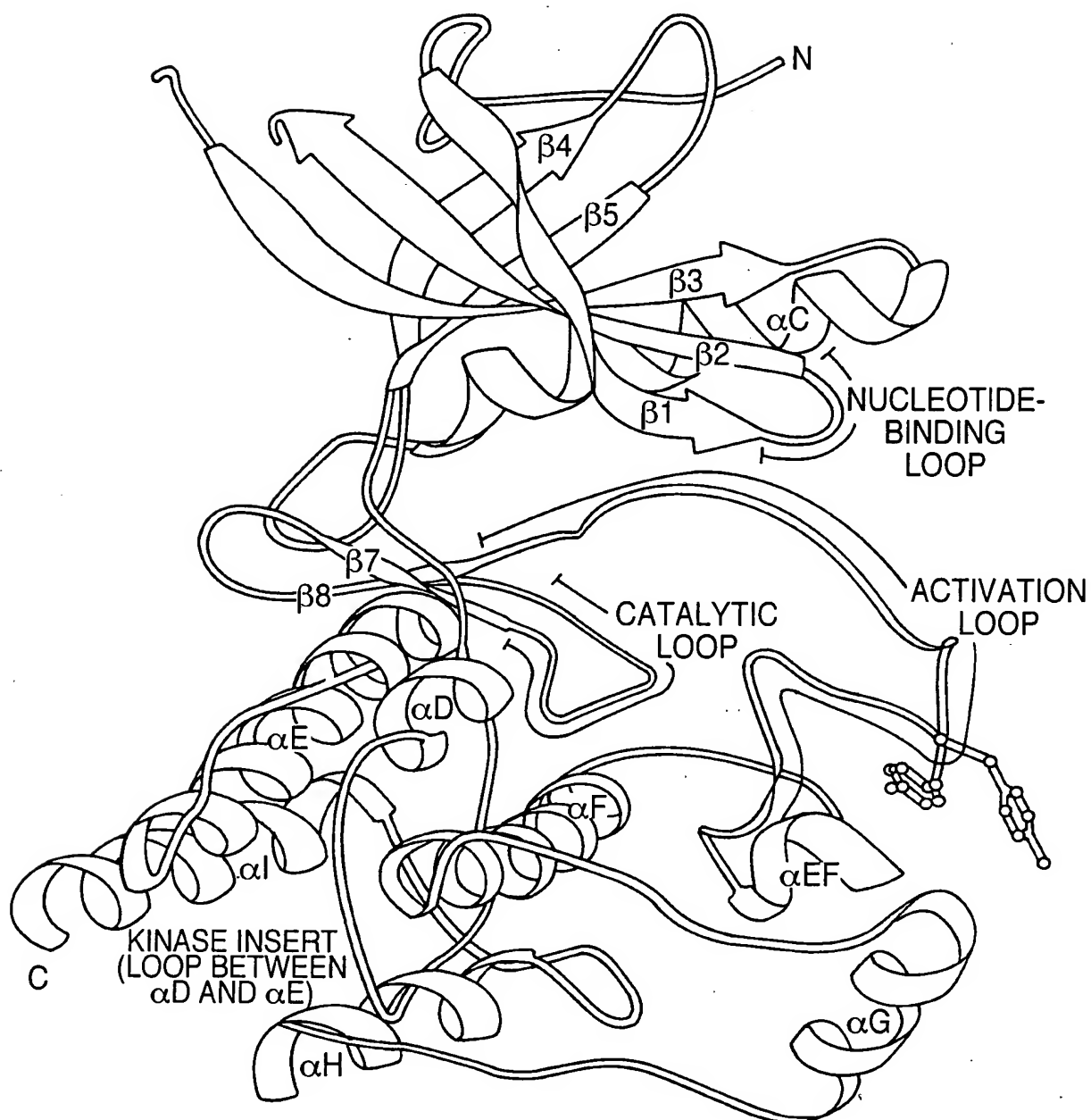


FIG. 2

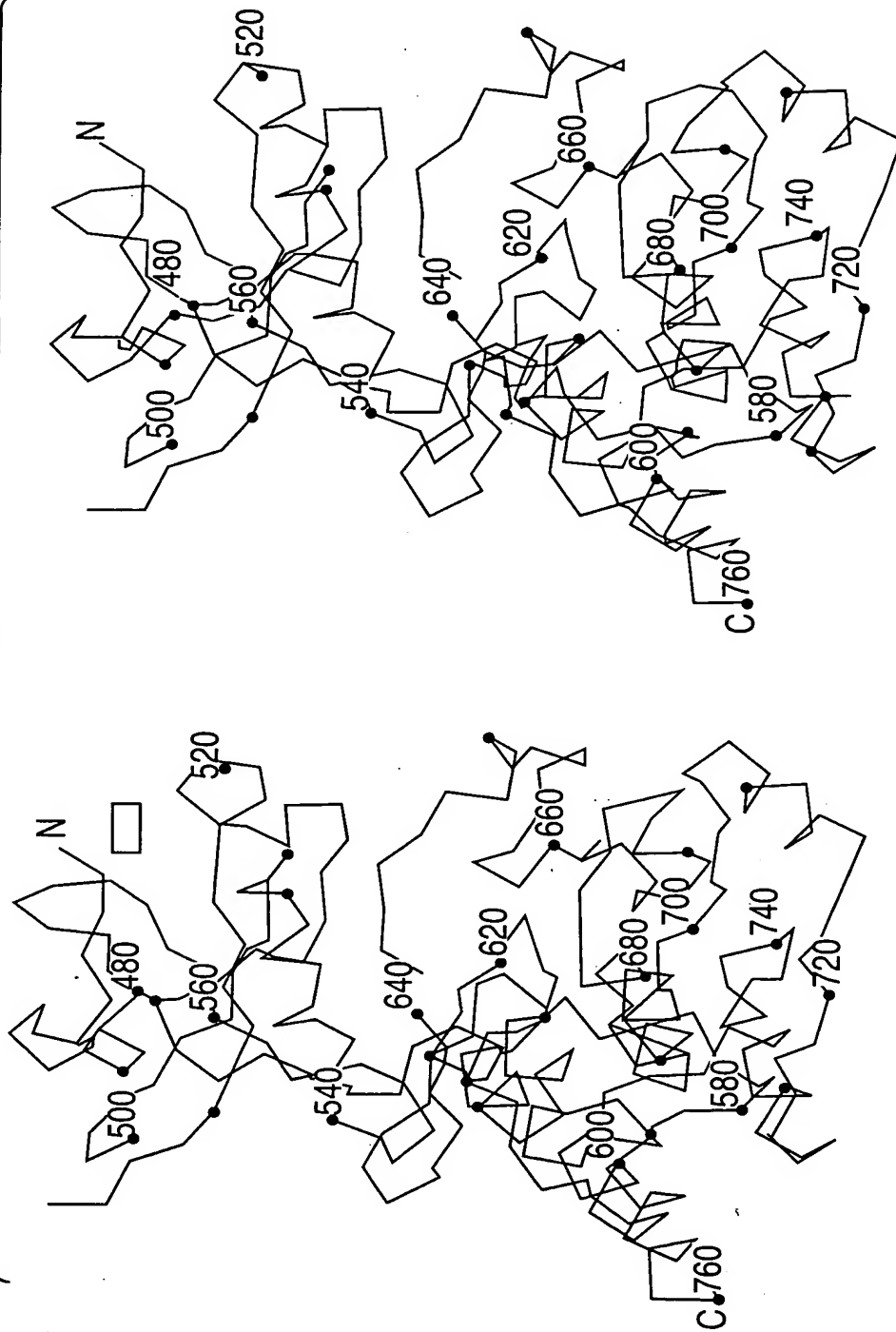
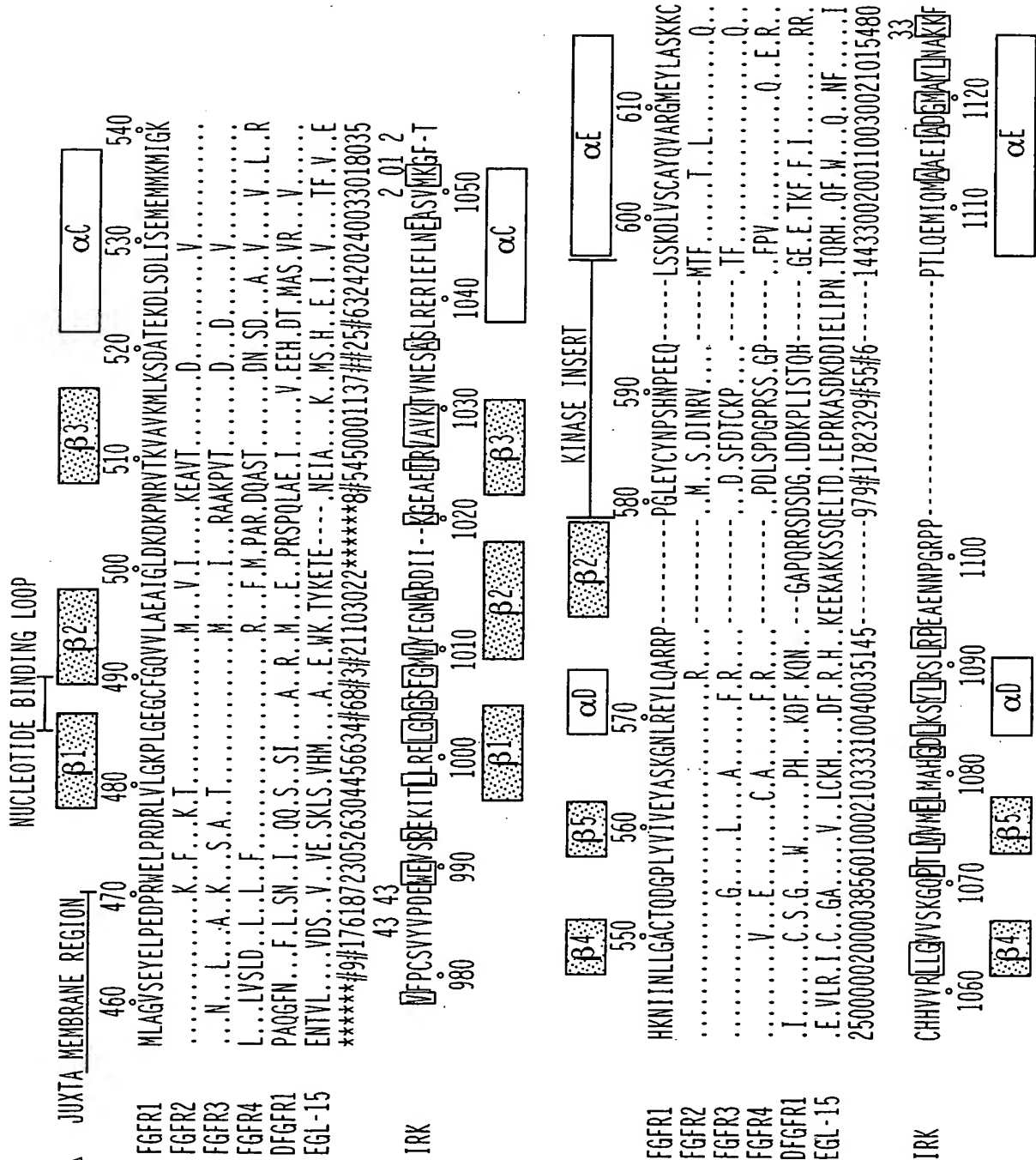


FIG. 3A



VHRD LAARN CMIAHQFTTVKIGEGFMTRDIVETDYYRKGKGLLPVRIMAPESIKGIVFITSDDIMSTGWLWEITLSIAEQ

αG	αH	αI
700	720	760
710	730	750
720	740	760
730	750	760
740	760	770
750	770	780
760	780	790
770	790	800
780	800	810
790	810	820
800	820	830
810	830	840
820	840	850
830	850	860
840	860	870
850	870	880
860	880	890
870	890	900
880	900	910
890	910	920
900	920	930
910	930	940
920	940	950
930	950	960
940	960	970
950	970	980
960	980	990
970	990	1000
980	1000	1010
990	1010	1020
1000	1020	1030
1010	1030	1040
1020	1040	1050
1030	1050	1060
1040	1060	1070
1050	1070	1080
1060	1080	1090
1070	1090	1100
1080	1100	1110
1090	1110	1120
1100	1120	1130
1110	1130	1140
1120	1140	1150
1130	1150	1160
1140	1160	1170
1150	1170	1180
1160	1180	1190
1170	1190	1200
1180	1200	1210
1190	1210	1220
1200	1220	1230
1210	1230	1240
1220	1240	1250
1230	1250	1260
1240	1260	1270
1250	1270	1280
1260	1280	1290
1270	1290	1300
1280	1300	1310
1290	1310	1320
1300	1320	1330
1310	1330	1340
1320	1340	1350
1330	1350	1360
1340	1360	1370
1350	1370	1380
1360	1380	1390
1370	1390	1400
1380	1400	1410
1390	1410	1420
1400	1420	1430
1410	1430	1440
1420	1440	1450
1430	1450	1460
1440	1460	1470
1450	1470	1480
1460	1480	1490
1470	1490	1500
1480	1500	1510
1490	1510	1520
1500	1520	1530
1510	1530	1540
1520	1540	1550
1530	1550	1560
1540	1560	1570
1550	1570	1580
1560	1580	1590
1570	1590	1600
1580	1600	1610
1590	1610	1620
1600	1620	1630
1610	1630	1640
1620	1640	1650
1630	1650	1660
1640	1660	1670
1650	1670	1680
1660	1680	1690
1670	1690	1700
1680	1700	1710
1690	1710	1720
1700	1720	1730
1710	1730	1740
1720	1740	1750
1730	1750	1760
1740	1760	1770
1750	1770	1780
1760	1780	1790
1770	1790	1800
1780	1800	1810
1790	1810	1820
1800	1820	1830
1810	1830	1840
1820	1840	1850
1830	1850	1860
1840	1860	1870
1850	1870	1880
1860	1880	1890
1870	1890	1900
1880	1900	1910
1890	1910	1920
1900	1920	1930
1910	1930	1940
1920	1940	1950
1930	1950	1960
1940	1960	1970
1950	1970	1980
1960	1980	1990
1970	1990	2000
1980	2000	2010
1990	2010	2020
2000	2020	2030
2010	2030	2040
2020	2040	2050
2030	2050	2060

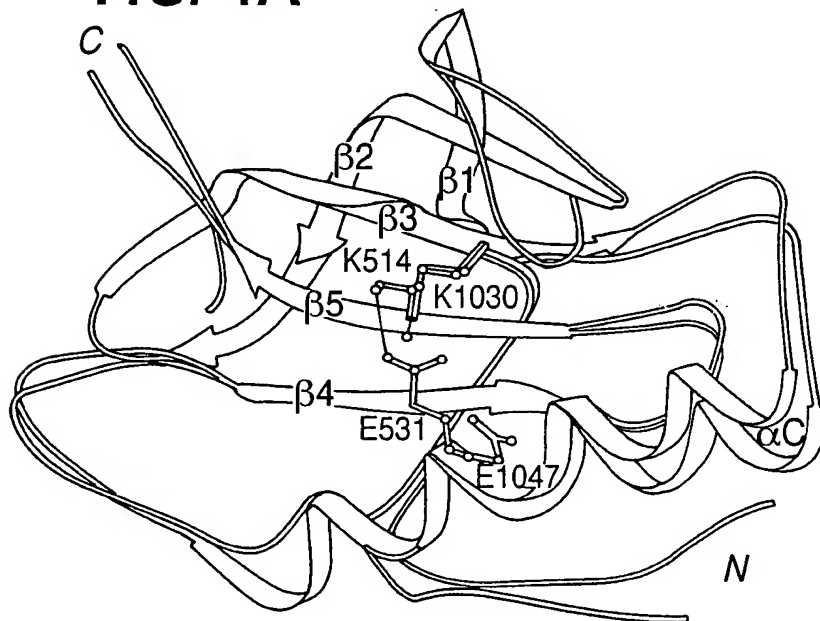
$\alpha\text{G}$  1210 1220 1230 1240 1250 1260 1270 1280  
 P<sup>0</sup>Q<sup>0</sup>G<sup>0</sup>LS<sup>0</sup>ME<sup>0</sup>QV<sup>0</sup>LF<sup>0</sup>VF<sup>0</sup>ND<sup>0</sup>EG<sup>0</sup>LD<sup>0</sup>Q<sup>0</sup>PD<sup>0</sup>NC<sup>0</sup>PERV<sup>0</sup>TD<sup>0</sup>MR<sup>0</sup>CV<sup>0</sup>Q<sup>0</sup>F<sup>0</sup>ND<sup>0</sup>K<sup>0</sup>RP<sup>0</sup>TF<sup>0</sup>E<sup>0</sup>IN<sup>0</sup>VL<sup>0</sup>KOD<sup>0</sup>LHP<sup>0</sup>SF<sup>0</sup>REV<sup>0</sup>FF<sup>0</sup>HSE<sup>0</sup>ENK<sup>0</sup>

IRK

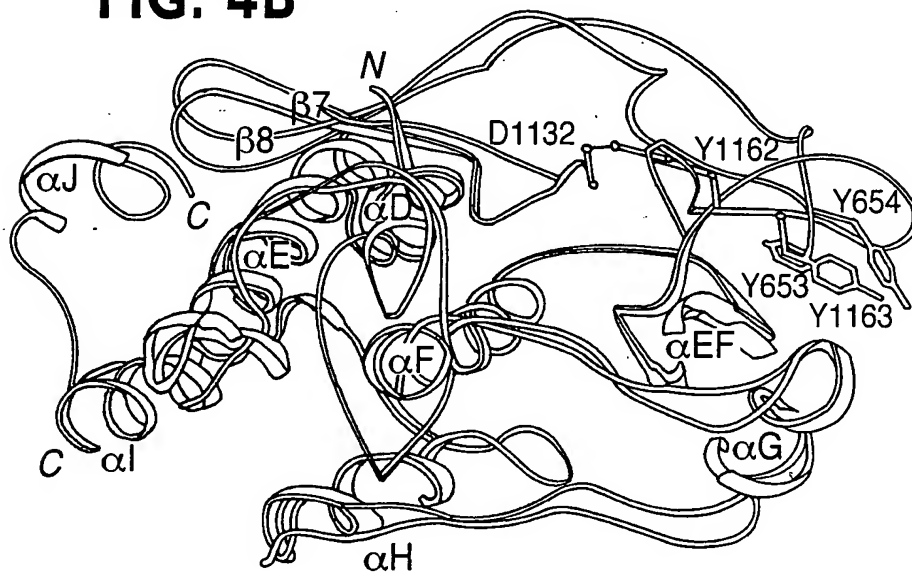
FGFR1  
FGFR2  
FGFR3  
FGFR4  
DFGFR1  
EGL-15

IRK

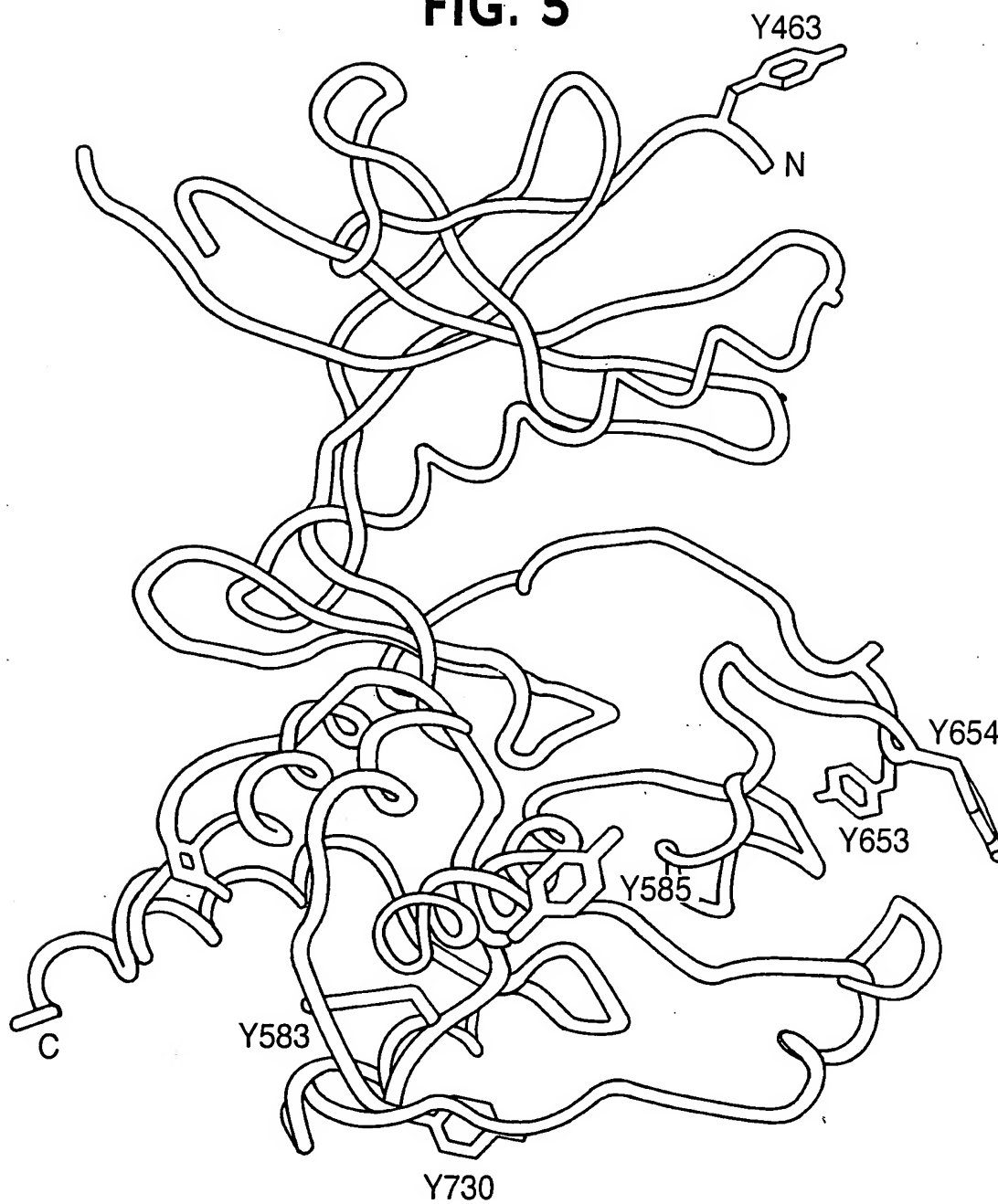
**FIG. 4A**



**FIG. 4B**



**FIG. 5**



[illegible]

## ACTIVATION LOOP

[illegible]